

RESTORATION OF THE GENUS JALTOMATA (SOLANACEAE).

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The generic name, Jaltomata Schlechtendal, is the correct name that applies to the plants traditionally referred to as Saracha Ruiz & Pavón (1794 and 1799). The confusion in the nomenclature of these plants began with a study of Miers (1848). He recognized that two genera were included in Ruiz and Pavón's genus Saracha, and established a new name, Poecilochroma, for one element. However, he based the new name on the generic type of Saracha, S. punctata Ruiz & Pavón, and applied the name, Saracha, to the remaining species. This nomenclatural error has persisted until the present time although the problem was recognized and discussed by both Macbride (1930 and 1962) and Morton (1938). Macbride urged that this nomenclature be continued by conserving the name, Saracha Ruiz & Pavón emend Miers, while Morton held the opposing point of view. See Miers (1857) for more discussion concerning Poecilochroma and Saracha.

Slechtendal provided a combined generic and specific description in proposing his new genus. Jaltomata edulis Schlecht. was the only species described and therefore serves as the type of the genus. A year later Schlechtendal (1839) reduced Jaltomata to synonymy under Saracha and made the combination S. jaltomata based on J. edulis. Schlechtendal's (1840 and 1841) publications in Linnaea concerning Jaltomata are essentially the same as those published in Index Seminum Horto Academico Halensis in 1838 and 1839.

A more detailed study of the genus is required before proposing additional nomenclatural changes. Therefore, only the following two new combinations are made at this time.

JALTOMATA Schlechtendal

Jaltonia Steudel, Nom. Bot. ed. 2. 1: 796. 1841, nom. superfl.

JALTOMATA CONFINIS (Morton) J. L. Gentry, comb. nov.

Saracha confinis Morton, Proc. Biol. Soc. Wash. 51: 77. 1938. Type. GUATEMALA. Chimaltenango: roadside bank at Santa Elena, above Tecpam, altitude about 2,500 meters, 18 July 1933, A. F.

Skutch 447 (holotype, US No. 1586075, photograph F No. 1166445!; isotype, GH).

JAL TOMATA PROCUMBENS (Cav.) J. L. Gentry, corb. nov.

Atropa procumbens Cav. Icon. Pl. 1: 53, t. 72. 1791.

Saracha procumbens Ruiz & Pavón, Fl. Peruv. 2: 43. 1799. Bellinia

procumbens Roemer & Schultes, Syst. Veg. 4: 687. 1819.

Witheringia procumbens Miers, Ill. South Amer. Pl. 2: app. 56. 1857.

Jaltomata edulis Schlecht. Ind. Sem. Hort. Acad. Halensis p. 8, no. 7. 1838. Saracha jaltomata Schlecht. op. cit. p. 10, no. 11. 1839 (based on J. edulis); Hort. Halensis. t. 14, 1841-53. Saracha jaltonia Steudel, Nom. Bot. ed. 2. 1: 796. 1841, nom. superfl. Saracha edulis Thellung, Mem. Soc. Neuchât. Sci. Nat. 5: 406. 1913.

The following genera are nomenclatural synonyms of Saracha Ruiz & Pavón: Bellinia Roemer & Schultes, Syst. Veg. 4: 56, 687, 1819; Diskion Rafinesque, Sylva Tell. 55. 1838; Pcecilochroma Miers, London J. Bot. 7: 353. 1848.

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Schlechtendal, D. F. L. 1838. Index Seminum Horto Academico Halensis 8.

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_____. 1840. Index Seminum Horto Academico Halensis 1838. *Linnaea* 13. Litt.-Ber. 98.

_____. 1841. Index Seminum Horto Academico Halensis 1839. *Linnaea* 14. Litt.-Ber. 129.